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Approved for use through 10/31/2002. OMB 0651-0032  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	72611-003
	First Inventor	Ahmad Fakheri
	Title	Finned Helicoidal Heat Exchanger
	Express Mail No.	ER 543239635 US

U.S. PTO  
10/748636

12/30/2003

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 2. <input checked="" type="checkbox"/> Specification [Total Pages 15] (preferred arrangement set forth below) <input checked="" type="checkbox"/> Descriptive title of the invention <input checked="" type="checkbox"/> Cross Reference to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R & D <input type="checkbox"/> Reference to sequence listing, a table, or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 8] 4. Oath or Declaration [Total Pages ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Unexecuted c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies <b>ACCOMPANYING APPLICATION PARTS</b> 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Other: 12. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 14. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 15. <input checked="" type="checkbox"/> Certificate of Express Mail 16. <input checked="" type="checkbox"/> Acknowledgment Postcard

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_  
 Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/>	Customer Number or Bar Code Label	029493 (Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/>	Correspondence address below
Name	David Chambers, 50,788				
Address	Husch & Eppenberger, LLC 190 Carondelet Plaza				
City	St. Louis	State	MO	Zip Code	63105

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 72611-003					
CLAIMS AS FILED- PART I				SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
	(Column 1)	(Column 2)		RATE	FEE			RATE	
FOR	NUMBER FILED	NUMBER EXTRA							
BASIC FEE (37 CFR 1.16(a))					385.00				750.00
TOTAL CLAIMS (37 CFR 1.16(c))	27 minus 20 =	7		x \$9.00 =	63.00	OR	x \$18.00 =		
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 minus 3 =	0		x \$43.00 =		OR	x \$86.00 =		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))					+ \$145.00 =		OR	+ \$290.00 =	
* If the difference in column 1 is less than zero, enter "0" in column 2					TOTAL		\$448.00	OR	TOTAL

- ☒ A check in the amount of \$448.00 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-3460 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \$
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

David Chambers  
Signature

Dated: 12-30-2003

David Chambers, 50,788  
Husch & Eppenberger, LLC  
190 Carondelet Plaza  
St. Louis, MO 63105  
309-497-3204  
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Customer No. 029493

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Application, Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450

Express Mail No. ER 543239635 US

Deborah Lane-Christian  
Signature of Person Mailing Correspondence

Deborah Lane-Christian  
Typed or Printed Name of Person Mailing Correspondence

Express Mail No.  
ER241850930US

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PTO/SB/35 (11-00)

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<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Ahmad Fakheri
	Title	Finned Helicoidal Heat Exchanger	
	Atty Docket Number		72611-003

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12-30-2003  
Date

David Chambers  
Signature

David A. Chambers, 50,788  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forth-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to Mail Stop Comments - Patents, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PGPUB, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)****Express Mail No.: ER 543239635 US**

Docket No.

72611-003

Applicant(s): Ahmad Fakheri

Serial No.

Filing Date  
herewith

Examiner

Group Art

Title:

Finned Helicoidal Heat Exchanger

**TO THE COMMISSIONER OF PATENTS AND TRADEMARKS**

Transmitted herewith is:

- ☒ Utility Application Transmittal (2)
- ☒ Specification
- ☒ Drawings
- ☒ Declaration (Executed)
- ☒ Power of Attorney
- ☒ Nonpublication Request Under 35 USC 122(b)(B)(i)
- ☒ Check
- ☒ Information Disclosure Statement
- ☒ IDS 1449 with 16 references
- ☒ Postcard
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- ☐
- ☐
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Action: Pc

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Due Date: 1/30/04By: deb 1/17/04

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Signature

Dated: 12-30-2003

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Signature of Person Mailing Correspondence

Deborah Lane-Christian

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